

**FIG. 1
PRIOR ART**

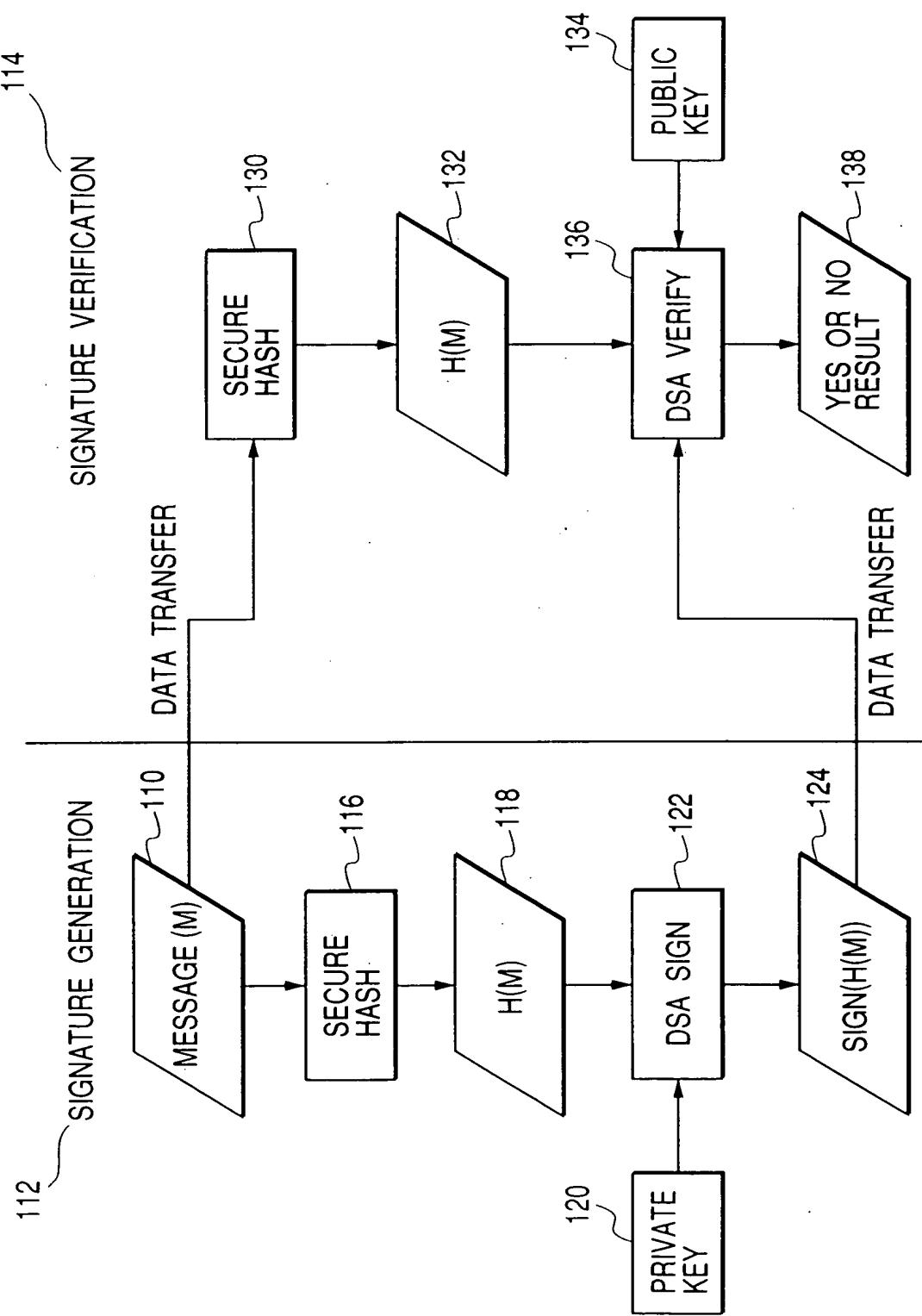


FIG. 2
VALIDITY RECOVERY SYSTEM

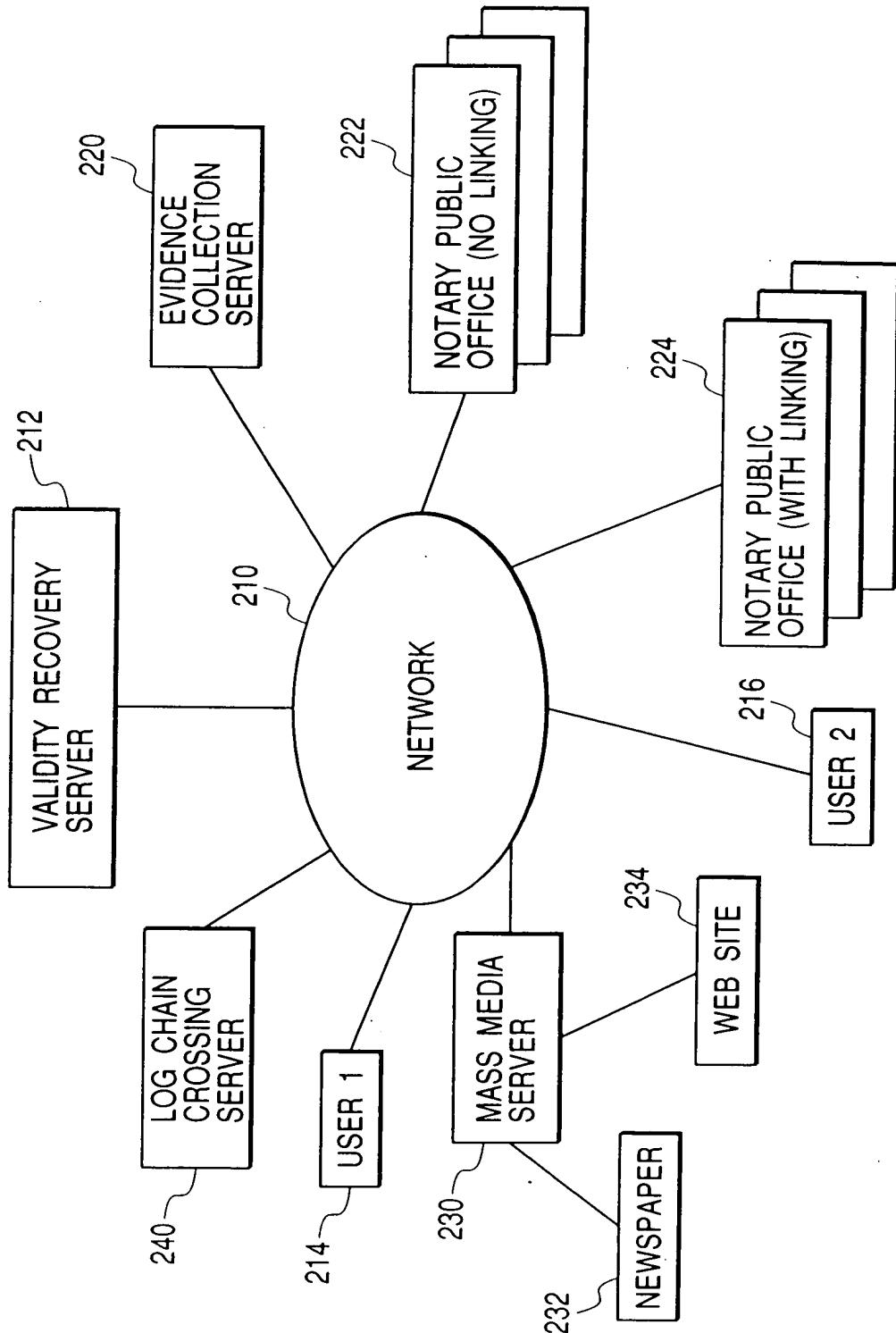


FIG. 3
EXAMPLE COMPUTER

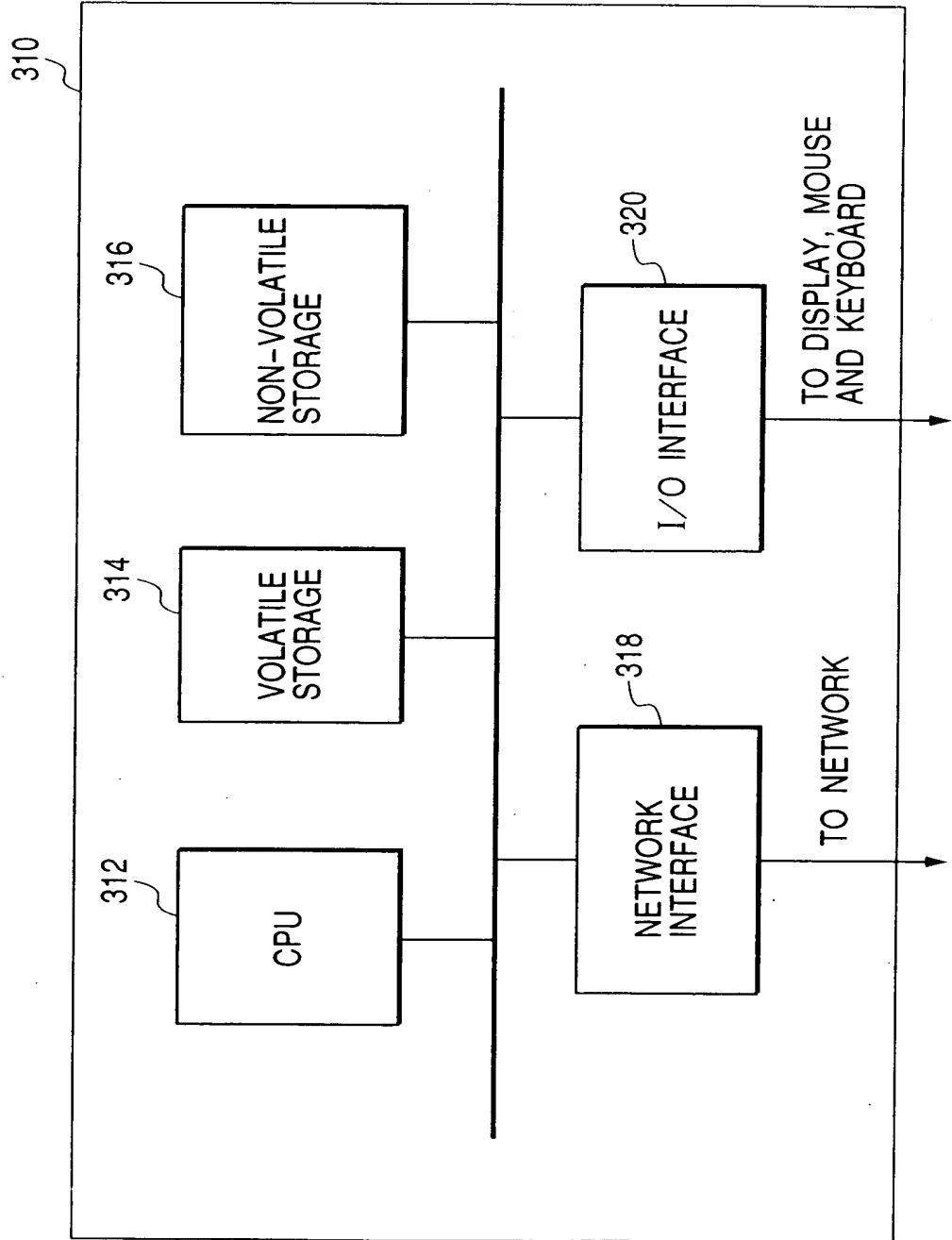


FIG. 4

MESSAGE FORMAT (410)

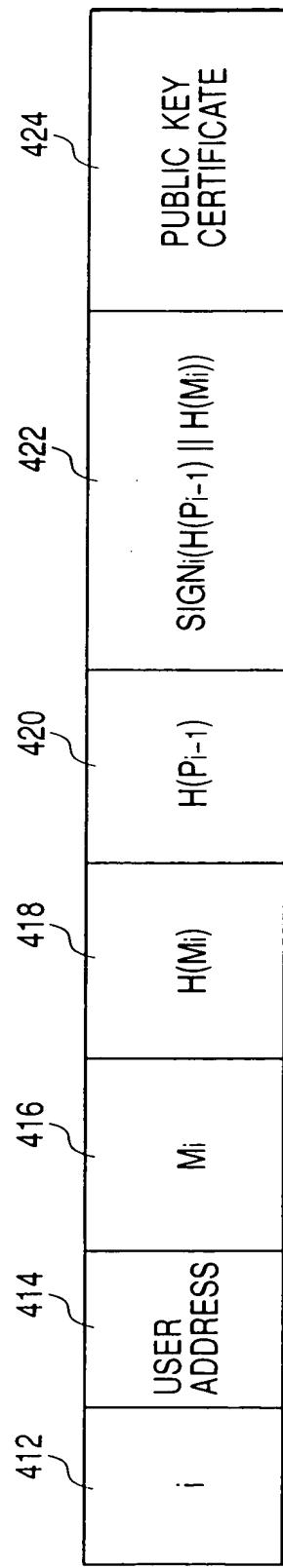


FIG. 5

MESSAGE FORMAT WITH TIMESTAMP (510)

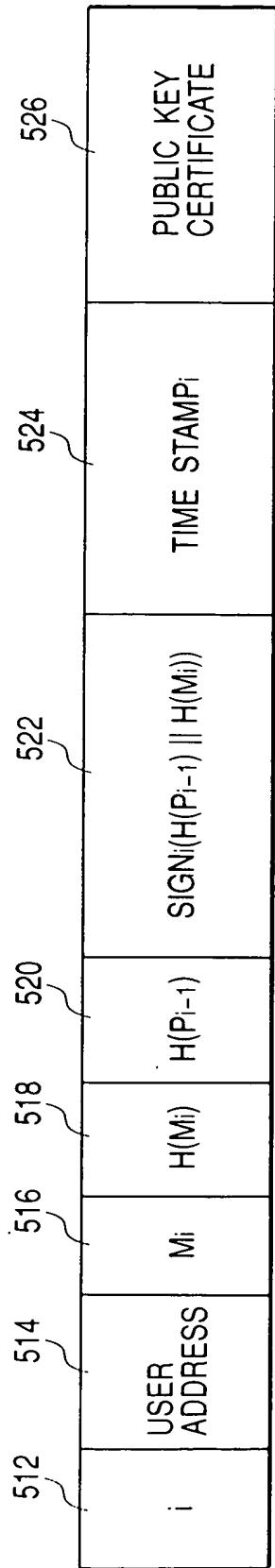


FIG. 6

SIGNATURE LOG

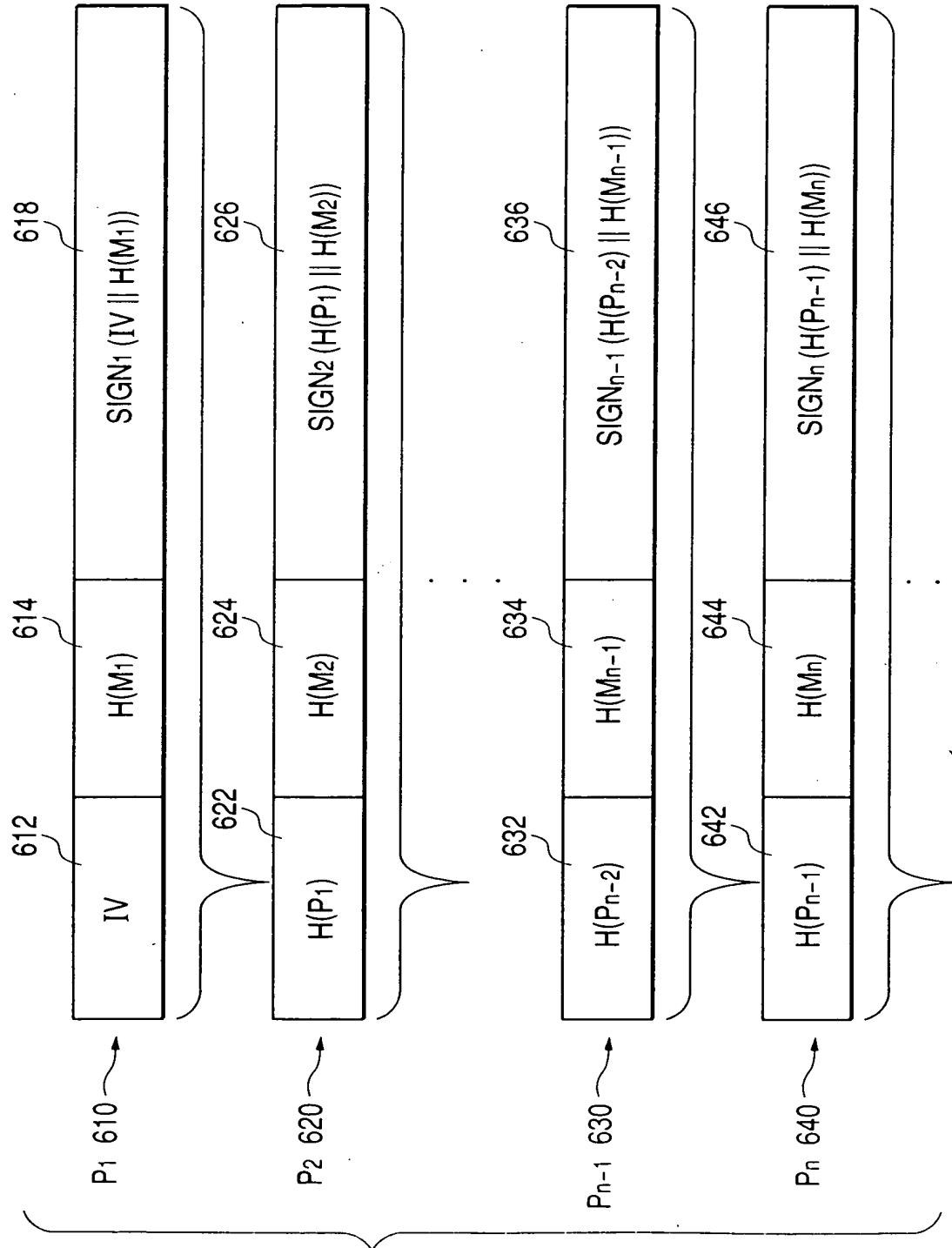
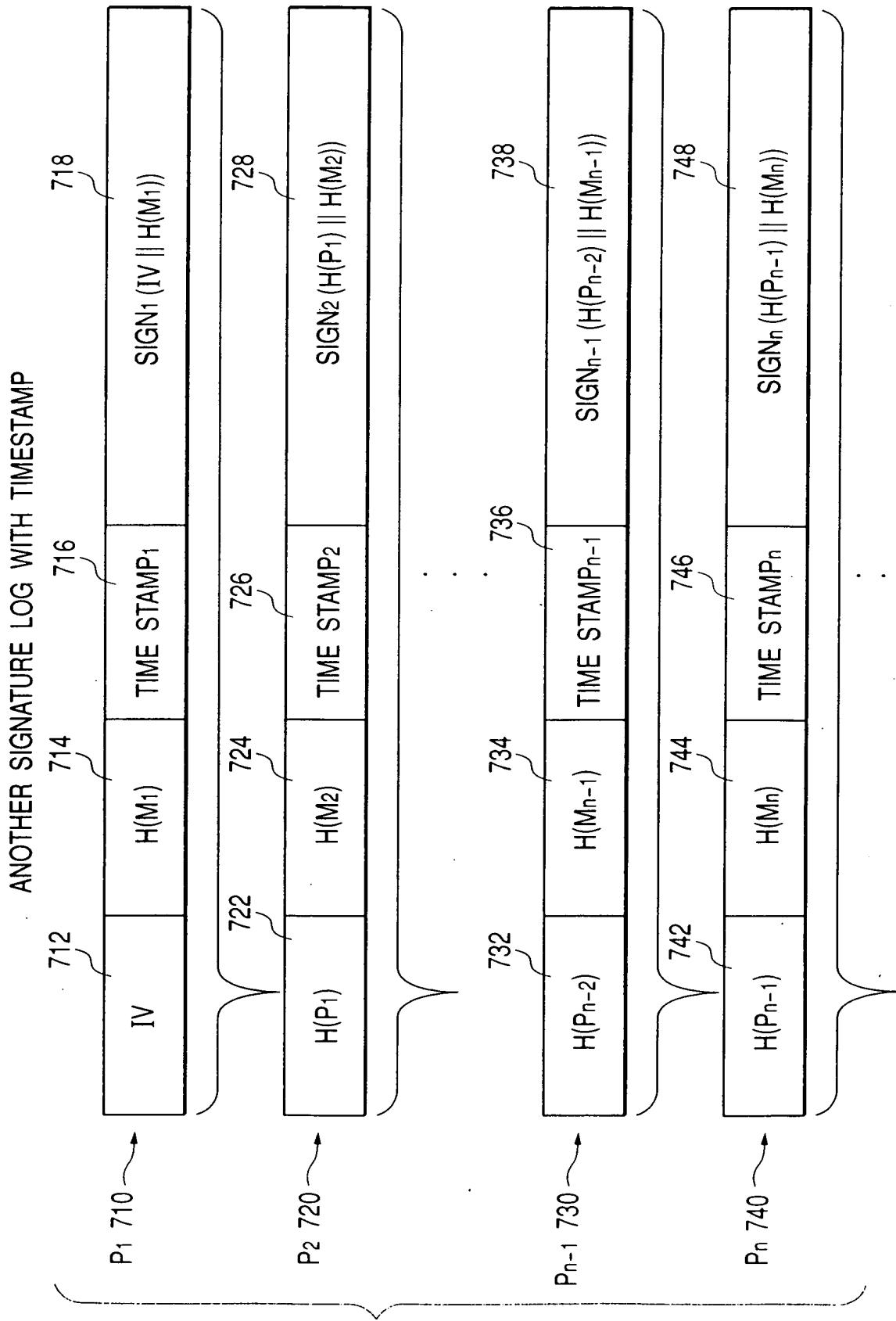
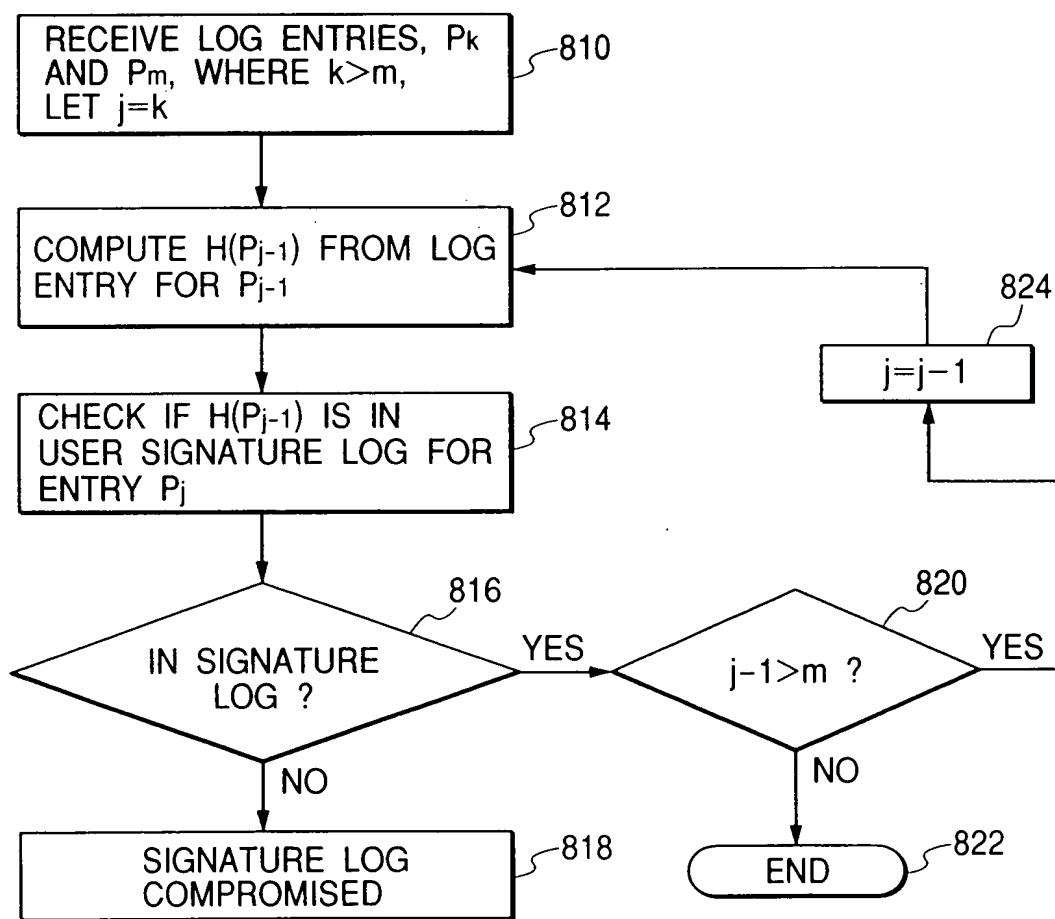


FIG. 7



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FIG. 8
VALIDATING LOG ENTRIES-BACKWARD CHAINING



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FIG. 9

CHECKPOINTING (e.g., PUBLISHING OR NOTARY) LOG ENTRY

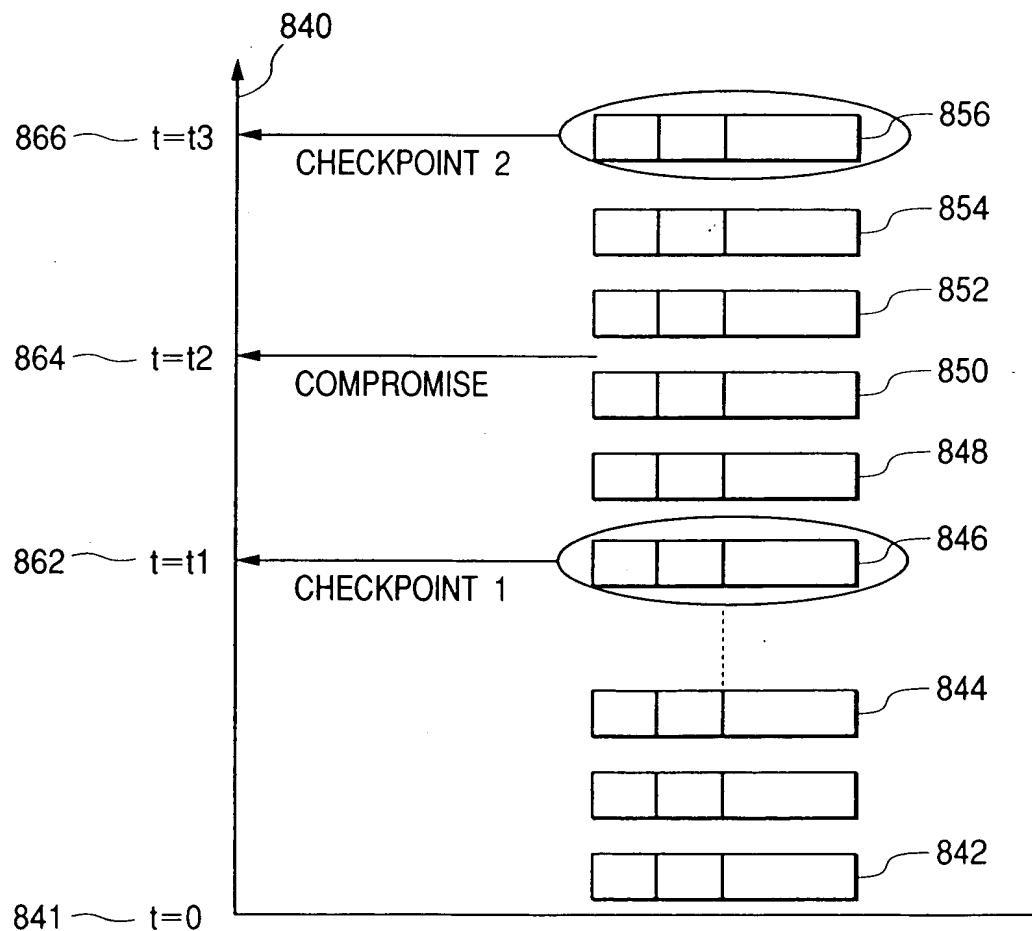


FIG. 10
LOG CHAIN CROSSING SERVER

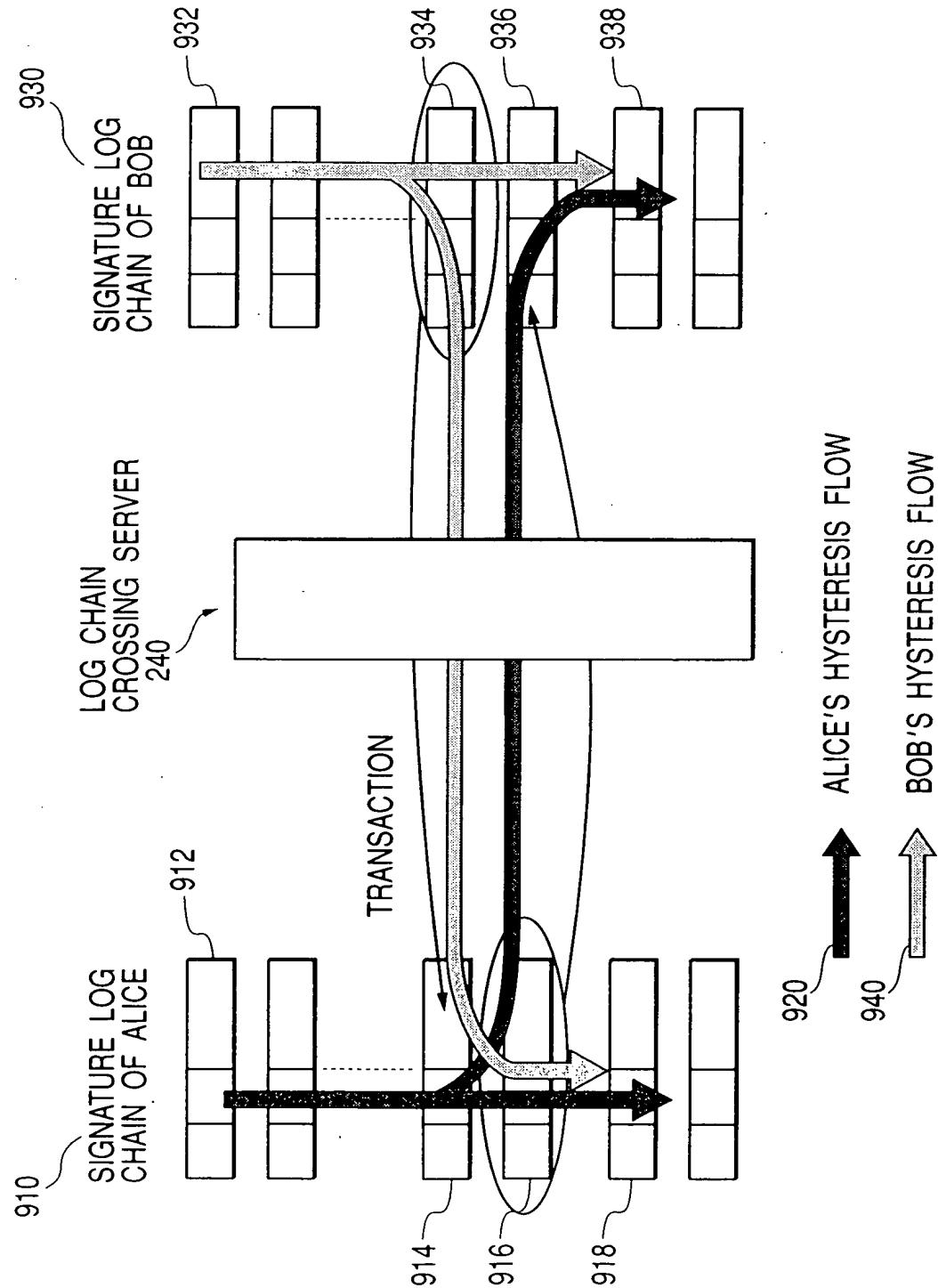


FIG. 11
NOTARY WITH LINKING

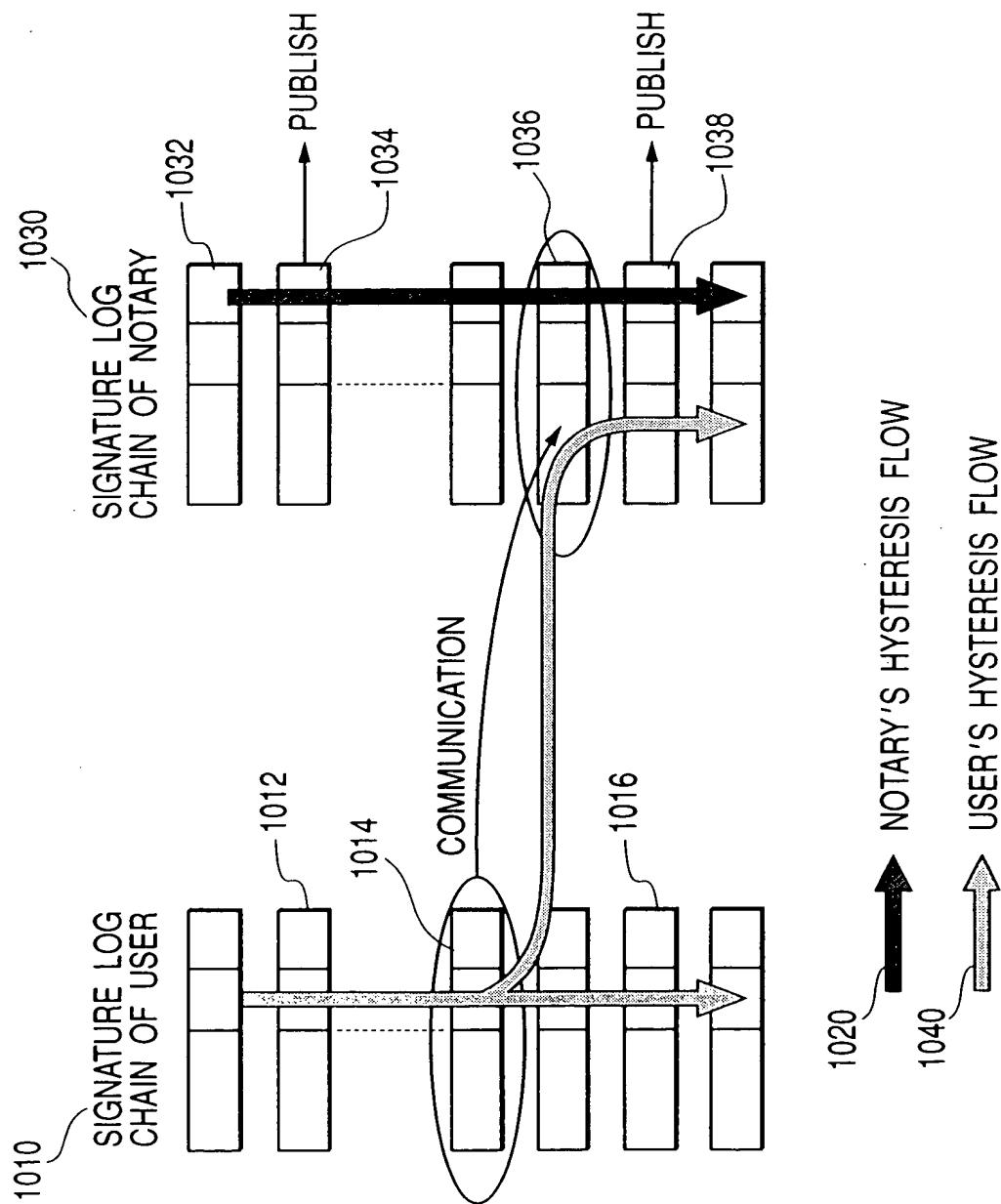
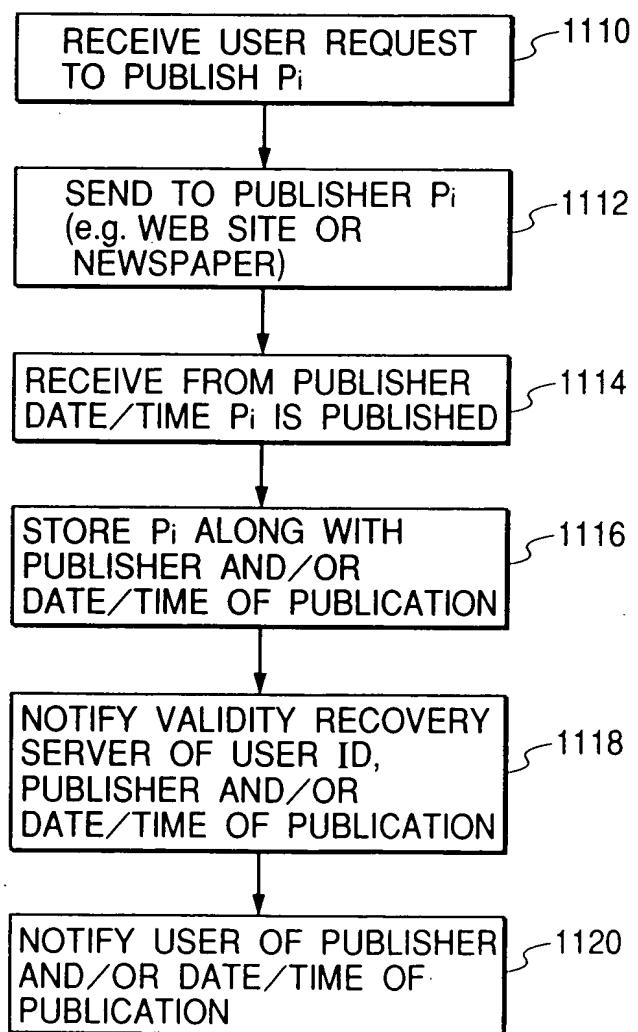


FIG. 12

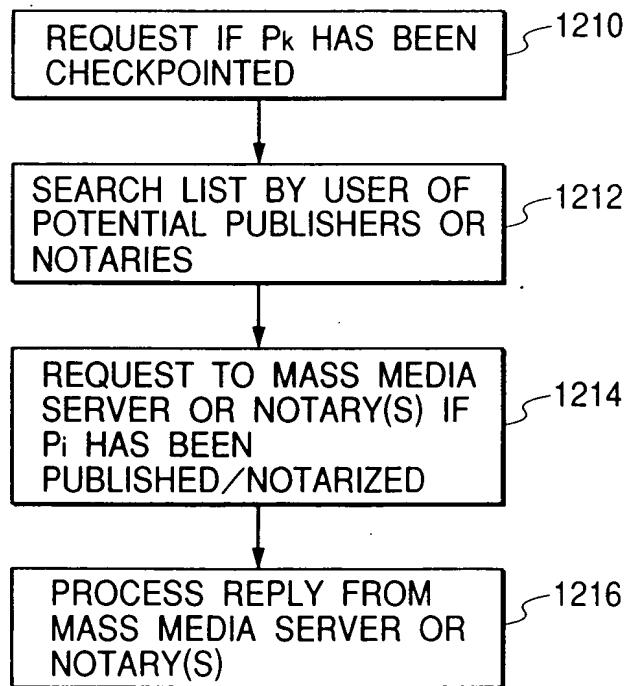
MASS MEDIA SERVER



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FIG. 13

RECOVERY SERVER DETERMINING
IF SIGNATURE LOG ENTRY HAS
BEEN CHECKPOINTED



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FIG. 14

RECOVERY SERVER VALIDATING
A USER SIGNATURE LOG ENTRY

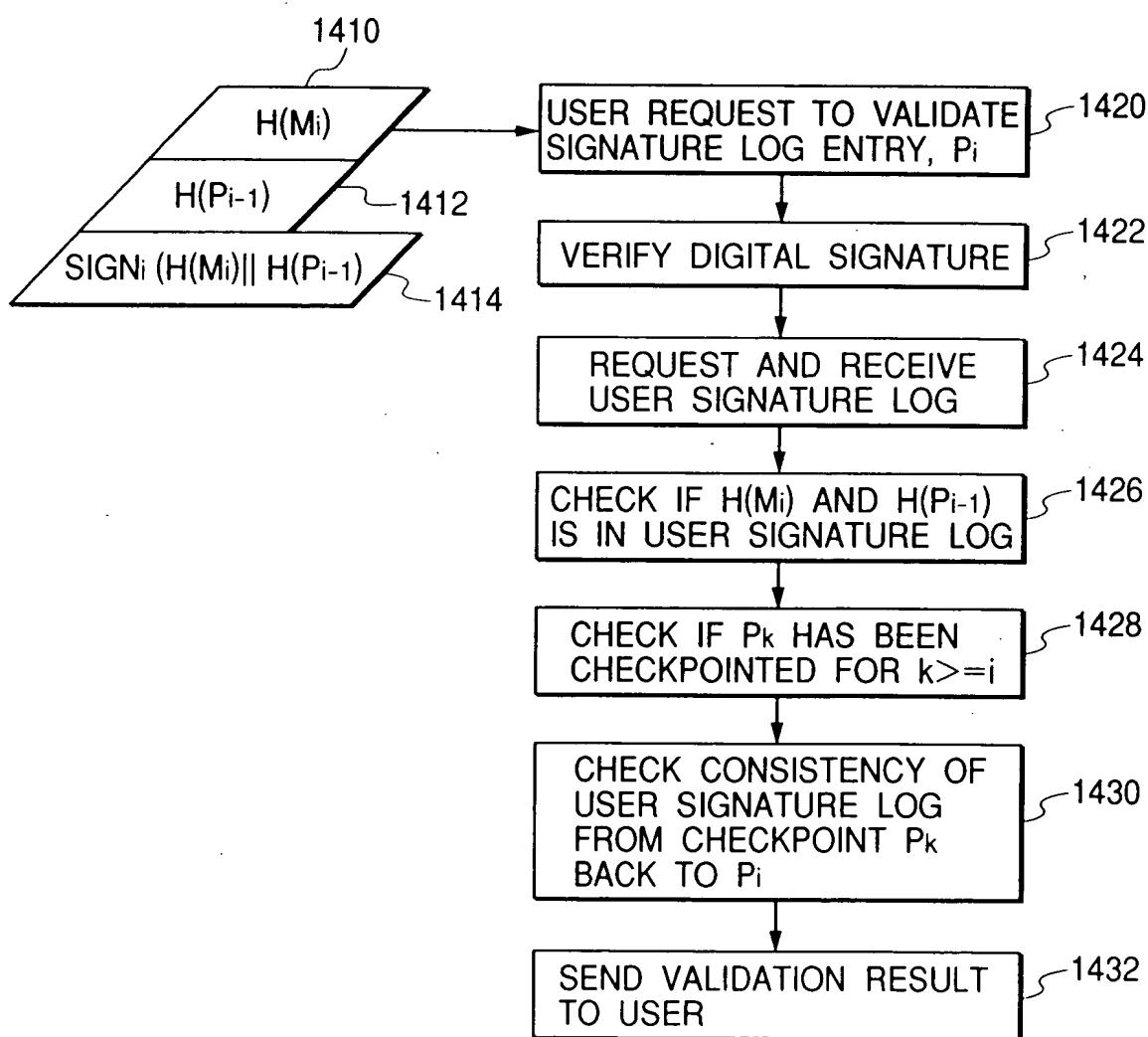
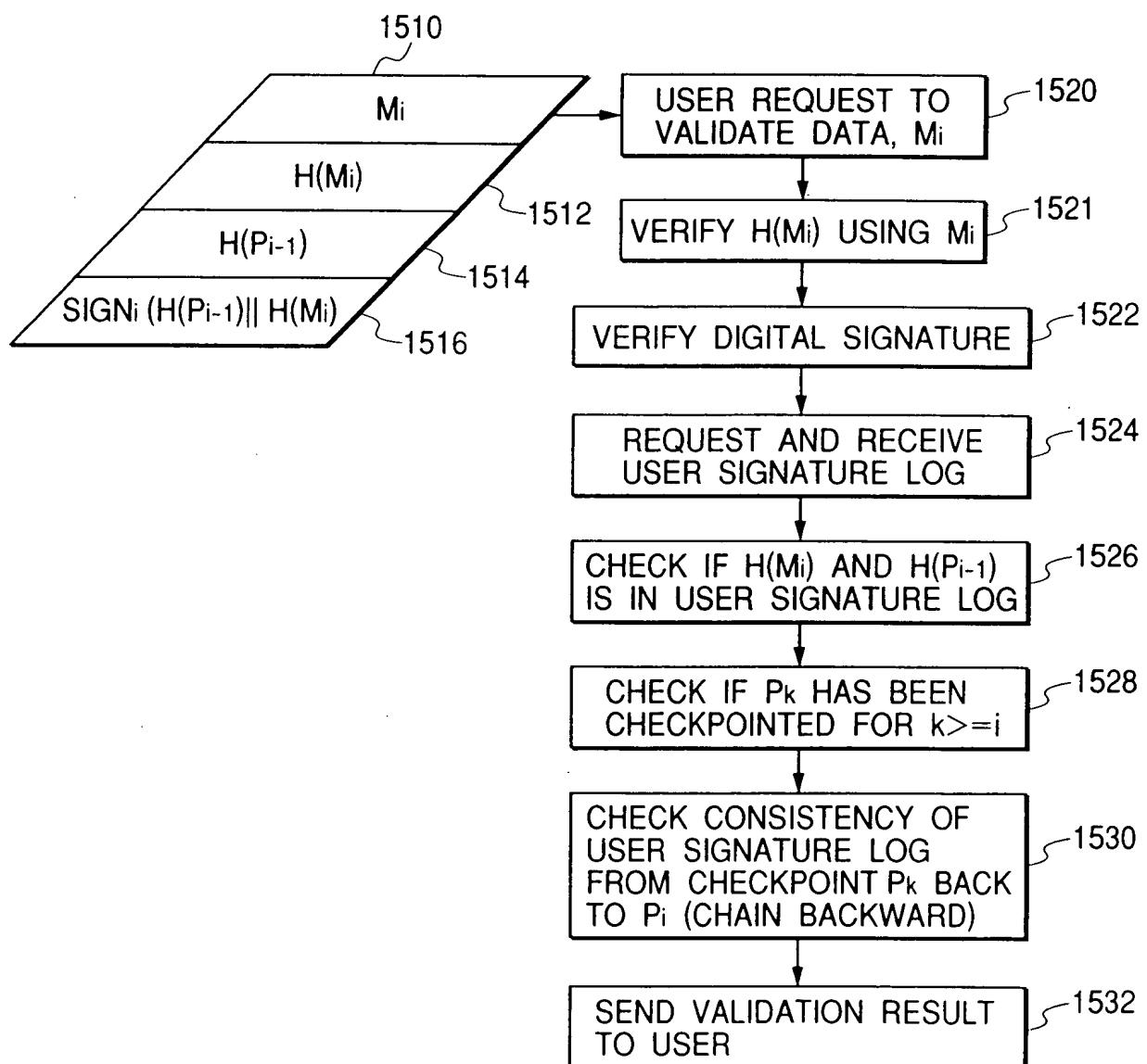


FIG. 15

RECOVERY SERVER VALIDATING
A USER DATA ITEM



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FIG. 16

EVIDENCE COLLECTION SERVER COLLECTING DATA

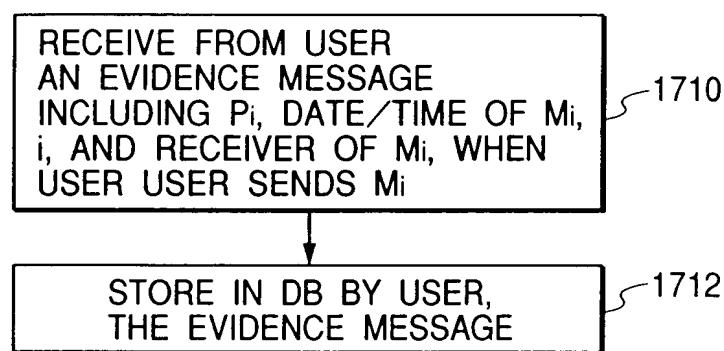


FIG. 17

EVIDENCE COLLECTION SERVER RECOVERING DATA

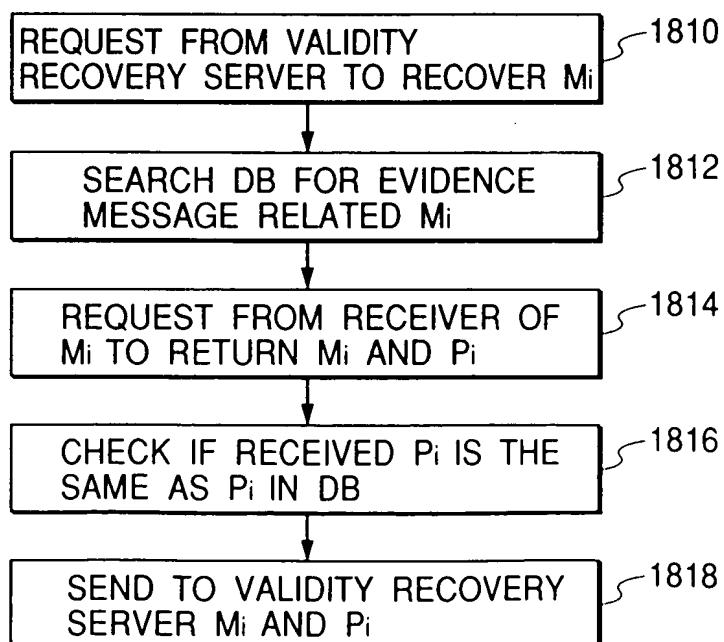
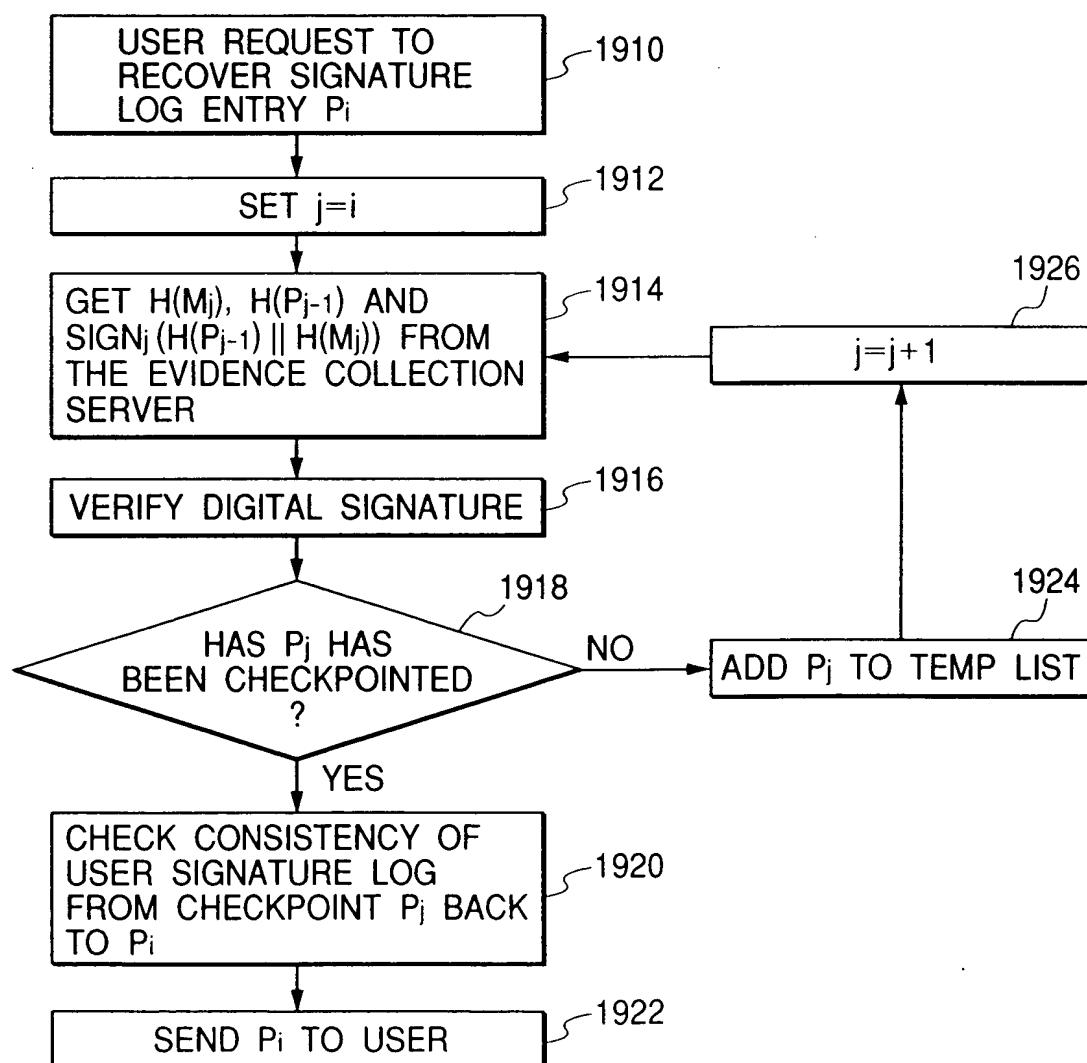


FIG. 18

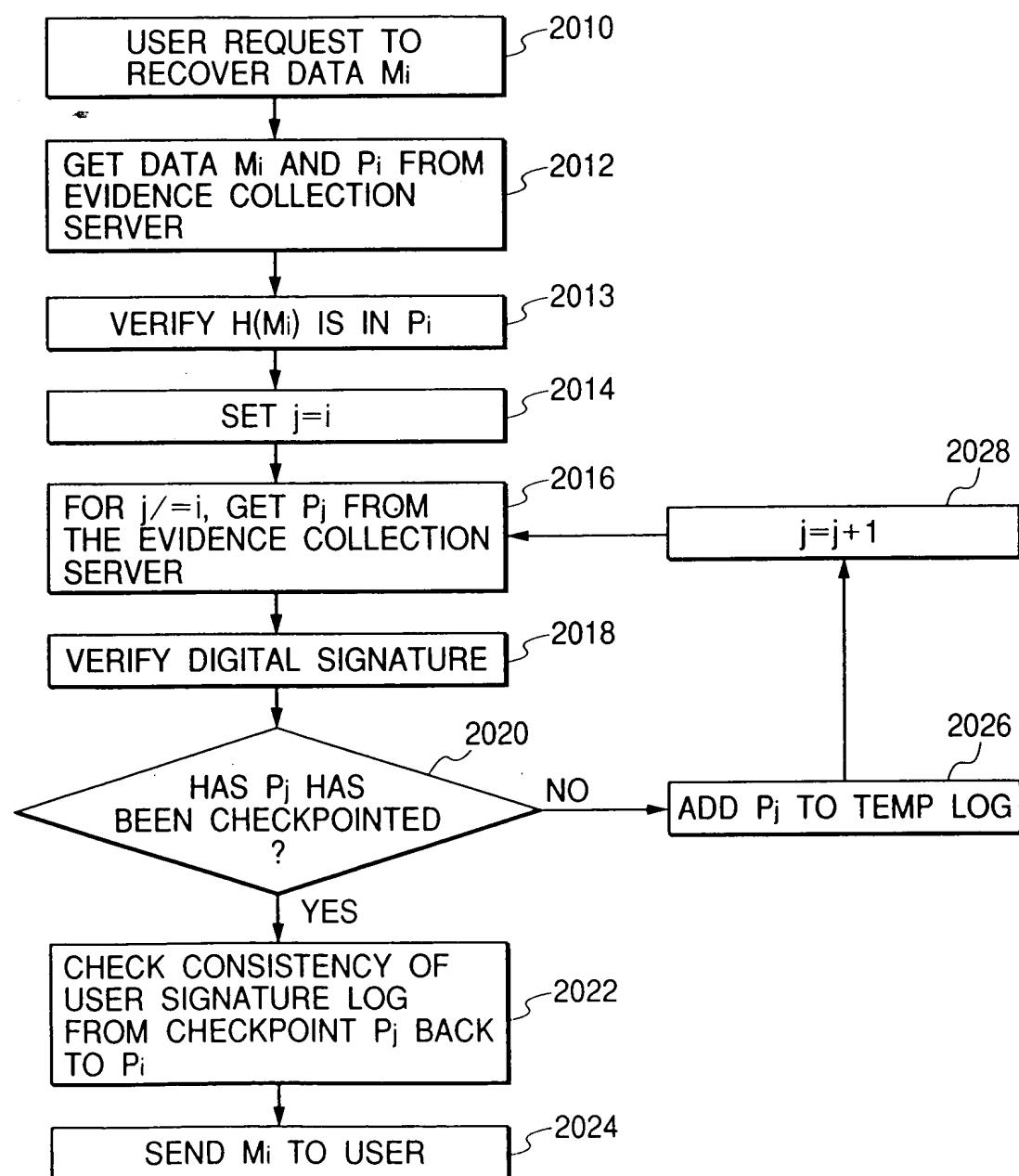
RECOVERY SERVER RECOVERING
USER SIGNATURE LOG ENTRY



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FIG. 19

RECOVERY SERVER RECOVERING USER DATA ITEM



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FIG. 20

RECOVERY SERVER RECOVERING USER DATA BETWEEN TWO POINTS IN TIME

